

# Essam Sh Mohamed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9334358/publications.pdf>

Version: 2024-02-01

10  
papers

611  
citations

1163117

8  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, simulation and economic analysis of a stand-alone reverse osmosis desalination unit powered by wind turbines and photovoltaics. <i>Desalination</i> , 2004, 164, 87-97.	8.2	126
2	A direct coupled photovoltaic seawater reverse osmosis desalination system toward battery based systems – a technical and economical experimental comparative study. <i>Desalination</i> , 2008, 221, 17-22.	8.2	107
3	Design of an autonomous low-temperature solar Rankine cycle system for reverse osmosis desalination. <i>Desalination</i> , 2005, 183, 73-80.	8.2	92
4	Technical and economic comparison between PV-RO system and RO-Solar Rankine system. Case study: Thirasia island. <i>Desalination</i> , 2008, 221, 37-46.	8.2	91
5	The effect of hydraulic energy recovery in a small sea water reverse osmosis desalination system; experimental and economical evaluation. <i>Desalination</i> , 2005, 184, 241-246.	8.2	67
6	An experimental comparative study of the technical and economic performance of a small reverse osmosis desalination system equipped with an hydraulic energy recovery unit. <i>Desalination</i> , 2006, 194, 239-250.	8.2	55
7	Theoretical performance prediction of a reverse osmosis desalination membrane element under variable operating conditions. <i>Desalination</i> , 2017, 419, 70-78.	8.2	39
8	Experimental investigation of the performance of a reverse osmosis desalination unit under full- and part-load operation. <i>Desalination and Water Treatment</i> , 2015, 53, 3170-3178.	1.0	19
9	Operating RE/Desalination Units. <i>Green Energy and Technology</i> , 2009, , 247-272.	0.6	8
10	Experimental comparison of the performance of two reverse osmosis desalination units equipped with different energy recovery devices. <i>Desalination and Water Treatment</i> , 0, , 1-8.	1.0	6